AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

1. (CURRENTLY AMENDED) A compressor assembly comprising:

an inlet bearing supplied with lubricant through an inlet orifice;

an outlet bearing supplied with lubricant through an outlet orifice;

a rotating compressor member supported for rotation on an inlet end by said inlet bearing and on an outlet end by said outlet bearing;

a plurality of flow passages for supplying lubricant to said inlet and outlet orifices; and

a choke orifice disposed in series with said inlet orifice for changing a lubricant flow rate to the inlet bearing relative to a lubricant flow rate to the outlet bearing from said outlet orifice, wherein each of the choke orifice, the inlet orifice and the outlet orifice comprise a flow area substantially smaller than any of the plurality of flow passages.

2. (ORIGINAL) The assembly as recited in claim 1, wherein said inlet orifice and said outlet orifice are of a common size.

3. (ORIGINAL) The assembly as recited in claim 2, wherein said flow passages comprise a primary portion feeding lubricant to an inlet portion and an outlet portion.

4. (CANCELLED)

5. (ORIGINAL) The assembly as recited in claim 1, wherein a flow rate of lubricant to said inlet orifice is lower than a flow rate of lubricant to said outlet orifice.

6. (ORIGINAL) The assembly as recited in claim 1, wherein said compressor assembly comprises a screw compressor.

7. (ORIGINAL) The assembly as recited in claim 1, comprising a lube block defining a portion of said flow passage, wherein said choke orifice is disposed within said lube block.

8. (ORIGINAL) The assembly as recited in claim 1, wherein a portion of said flow passage comprises tubing mounted to said compressor.

9. (CURRENTLY AMENDED) A screw compressor assembly comprising:

a motor driving screw rotors;

an outlet bearing supporting an outlet side of said screw rotors ;

an inlet bearing supporting an inlet side of said screw rotors ;

a flow passage comprising an inlet orifice for supplying lubricant to said inlet bearing, an outlet orifice for supplying lubricant to said outlet bearing; and

a choke orifice in series with said inlet orifice for controlling the flow of lubricant to said inlet orifice relative to the flow of lubricant to the outlet orifice, wherein the flow passage comprises a substantially larger flow area than any of said choke orifice, said inlet orifice and said outlet orifice.

10. (ORIGINAL) The assembly as recited in claim 9, wherein said inlet orifice and said outlet orifice are of a common size.

11. (ORIGINAL) The assembly as recited in claim 10, wherein said flow passage comprises a primary portion feeding lubricant to an inlet portion and an outlet portion.

12. (CURRENTLY AMENDED) A screw compressor assembly comprising:

a motor driving screw rotors;

an outlet bearing supporting an outlet side of said screw rotors;

an inlet bearing supporting an inlet side of said screw rotors;

an inlet orifice for supplying lubricant to said inlet bearing~~,~~;

an outlet orifice for supplying lubricant to said outlet bearing~~,~~;

a primary portion including a primary passage for feeding lubricant to an inlet portion and an outlet portion; and

a choke orifice in series with said inlet orifice for controlling the flow of lubricant to said inlet orifice, wherein said choke orifice is disposed within said inlet portion and a flow area of each of the choke orifice, the inlet orifice and the outlet orifice is substantially smaller than any portion of said primary passage.

13. (ORIGINAL) The assembly as recited in claim 12, wherein a flow rate of lubricant within said inlet portion is lower than a flow rate of lubricant within said primary portion.

14. (ORIGINAL) The assembly as recited in claim 9, comprising a lube block defining a portion of said flow passage, wherein said choke orifice is disposed within said lube block.

15. (ORIGINAL) The assembly as recited in claim 9, comprising three inlet and outlet bearing assemblies, and three inlet and outlet orifices, wherein said choke orifice is in series with said three inlet orifices.

16. (ORIGINAL) The assembly as recited in claim 15, wherein a lubricant flow rate to said inlet bearing assemblies is less than a lubricant flow rate to said outlet bearing assemblies.

17. (ORIGINAL) The assembly as recited in claim 16, wherein said lubricant flow rate to said inlet bearing assemblies is no more than $1/5^{th}$ said lubricant flow rate to said outlet bearing assemblies.